

10/554308

JC06 Rec'd PCT/PTO 21 OCT 2005

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SEQUENCE LISTING

<110> National Institute of Agrobiological Sciences

<120> Method of accumulating allergen-specific T-cell antigen determinant in
plant and plant having the antigen determinant accumulated therein

<130> MOA-A0217P

<150> JP 2003-120639

<151> 2003-04-24

<160> 10

<170> PatentIn Ver. 2.0

<210> 1

<211> 96

<212> PRT

<213> Homo sapiens

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2 / 1 7

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25

30

Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser

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Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro

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Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe

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<212> PRT

<213> Homo sapiens

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Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser

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Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro

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Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe

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Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg

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Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys

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105

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Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys

115

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125

Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser

130

135

140

Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro

145

150

155

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Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe

4 / 1 7

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<210> 3

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<212> PRT

<213> Oryza sativaL. cv Manngetsumochi

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<213> Oryza sativaL. cv Manngetsumochi

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Met Ala Ser Ile Asn Arg Pro Ile Val Phe Phe Thr Val Cys Leu Phe

5 / 1 7

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Leu Leu Cys Asp Gly Ser Leu Ala

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<210> 5

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<212> PRT

<213> Oryza sativaL. cv Manngetsumochi

<400> 5

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<212> DNA

<213> Artificial Sequence

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Met Ala

1

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Ser Ser Gly Phe Ser Arg Phe Ser Ile Tyr Phe Cys Val Leu Leu Leu

5

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15

tgc cac ggt tct atg gcc cag ccc atg ggc atc atc gca gct tac caa 2434

Cys His Gly Ser Met Ala Gln Pro Met Gly Ile Ile Ala Ala Tyr Gln

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Asn Pro Ala Ser Trp Lys Ser Met Lys Val Thr Val Ala Phe Asn Gln

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Phe Gly Pro Asp Ile Phe Ala Ser Lys Asn Phe His Leu Gln Lys Asn

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Lys Leu Thr Ser Gly Lys Ile Ala Ser Cys Leu Asn Tyr Gly Leu Val

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cat gta gct aac aat aac tat gat cca agc ggt aag tat gag ggt ggc 2626

His Val Ala Asn Asn Asn Tyr Asp Pro Ser Gly Lys Tyr Glu Gly Gly

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aac atc tac act aag aag gaa gca ttc aac gta gag caa ttt gca aag 2674

Asn Ile Tyr Thr Lys Lys Glu Ala Phe Asn Val Glu Gln Phe Ala Lys

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cctaggaact catcgcatg ggcctcaagc tatatataaa atttattgat atatatagac 2963

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taattatcaa gaaataaaat cgaccaaatt aacaatatat ttgtaacttg gaactaatat 3083

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<212> PRT

<213> Artificial Sequence

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Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys Val Thr Val Ala Phe

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Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys Asn Phe His Leu Gln

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Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser Cys Leu Asn Tyr Gly

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Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro Ser Gly Lys Tyr Glu

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Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe Asn Val Glu Gln Phe

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<211> 1474

<212> DNA

<213> *Oryza sativa*

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<211> 931

<212> DNA

<213> Oryza sativa

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